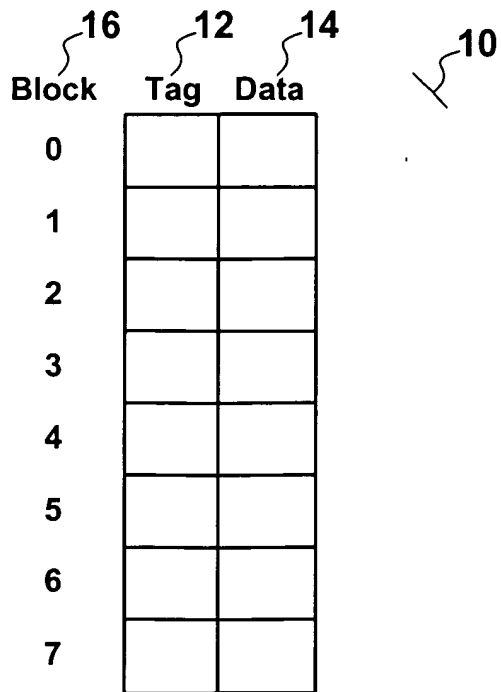
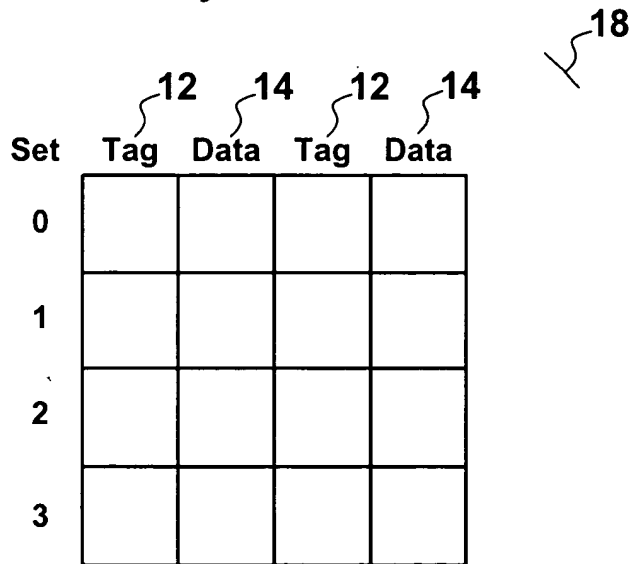


**One-Way Set Associative  
(direct mapped)**



**Fig. 1A  
(Prior Art)**

**Two-Way Set Associative**



**Fig. 1B  
(Prior Art)**

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Four-Way Set Associative

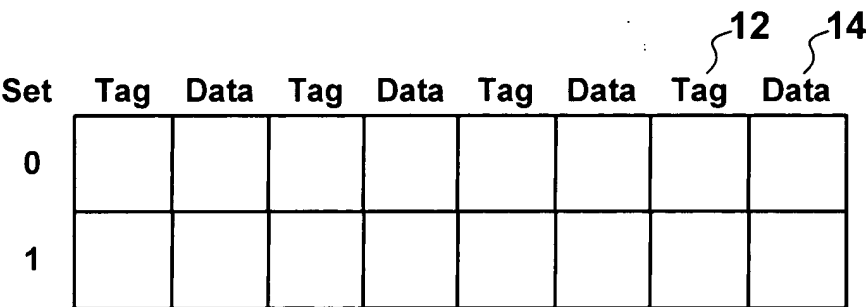


Fig. 1C  
(Prior Art)

Eight-Way Set Associative  
(fully associative)

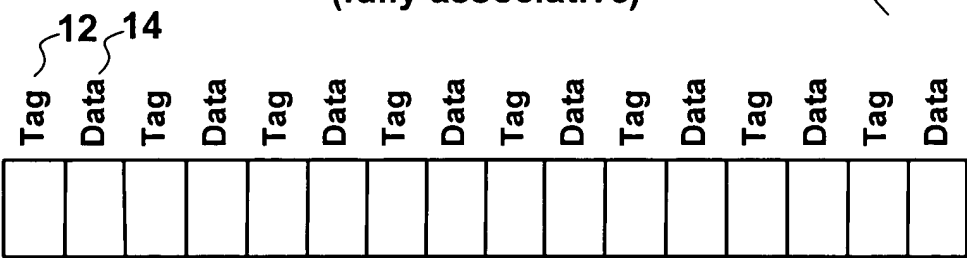


Fig. 1D  
(Prior Art)

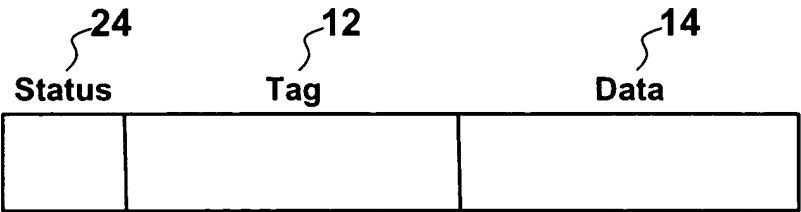
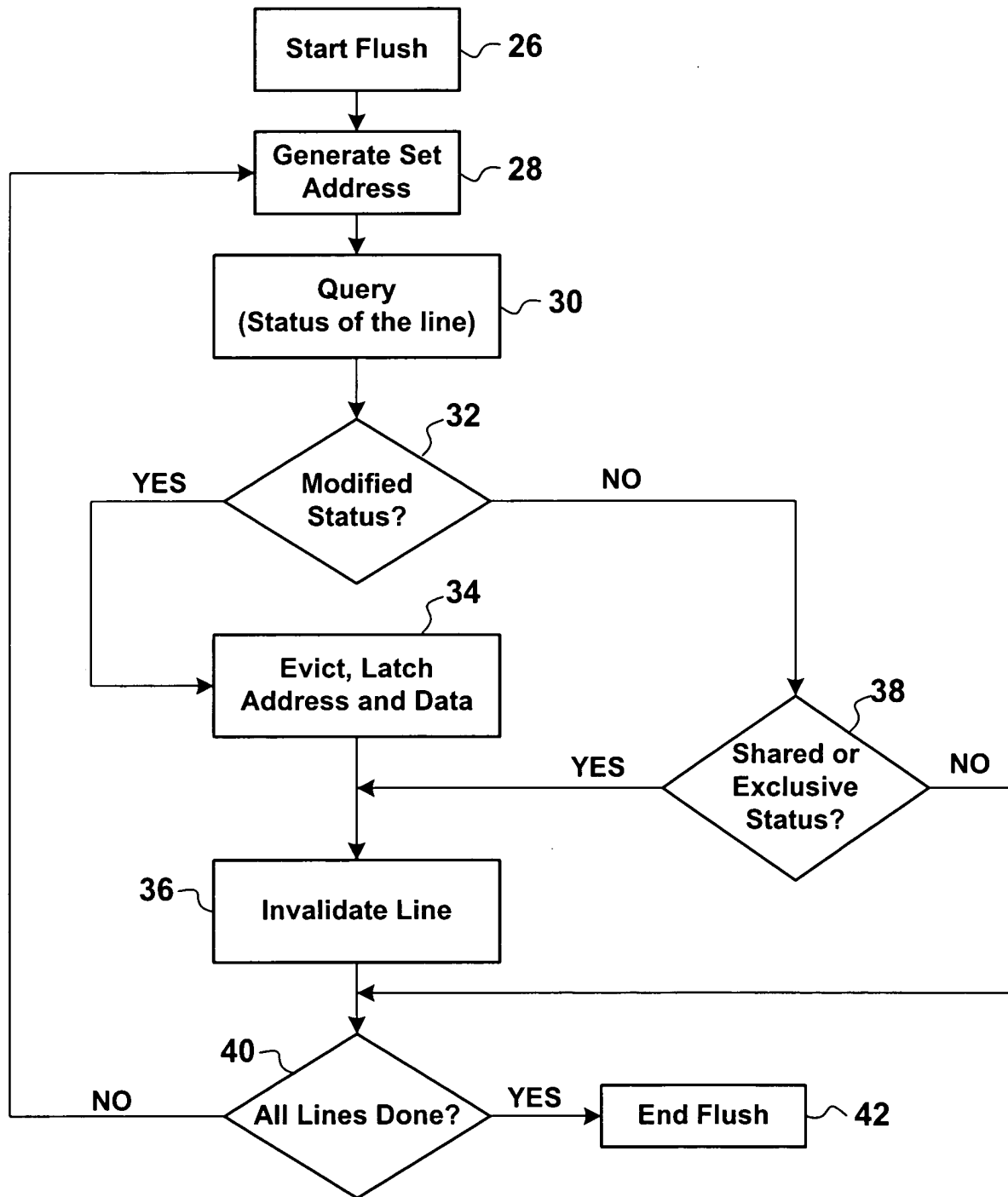


Fig. 1E  
(Prior Art)

FIG. 1C



**Fig. 2**  
**(Prior Art)**

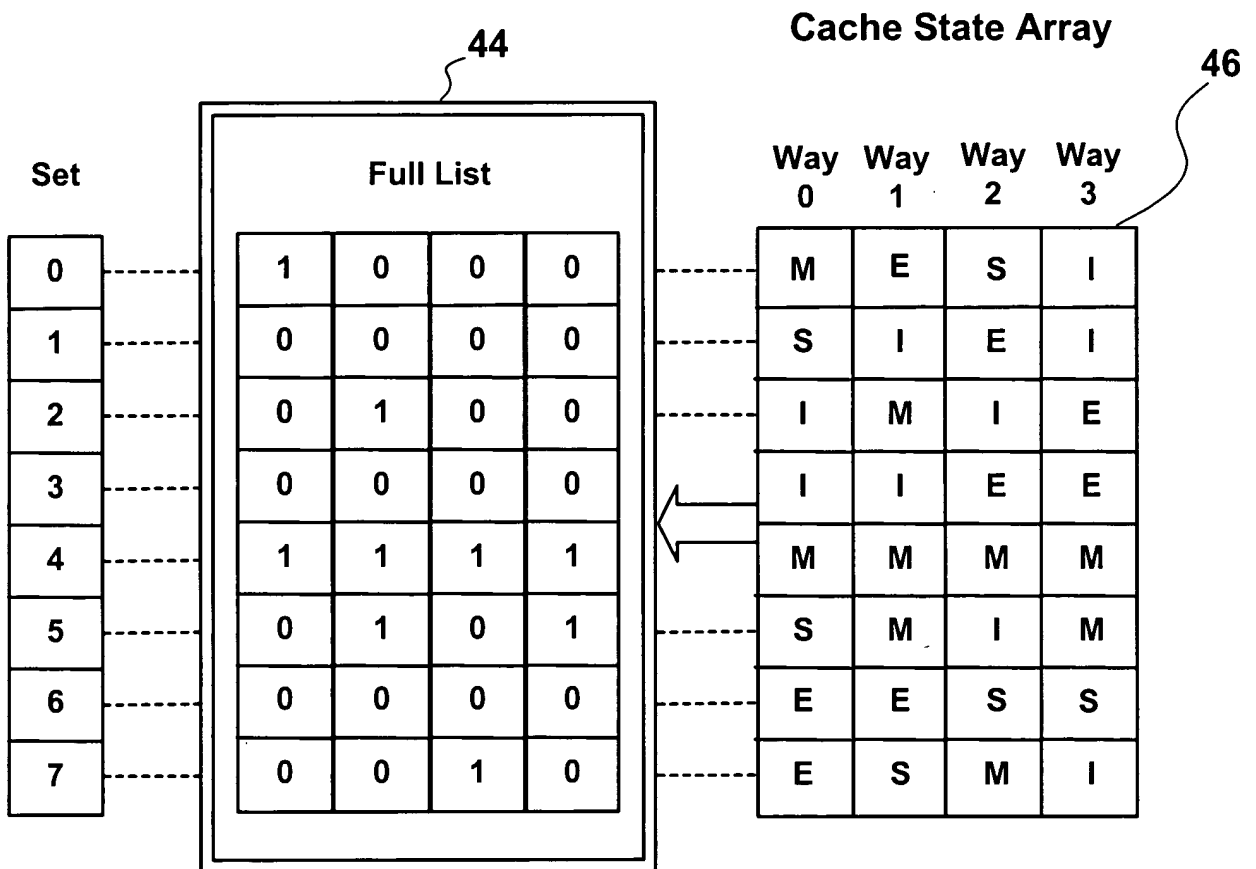
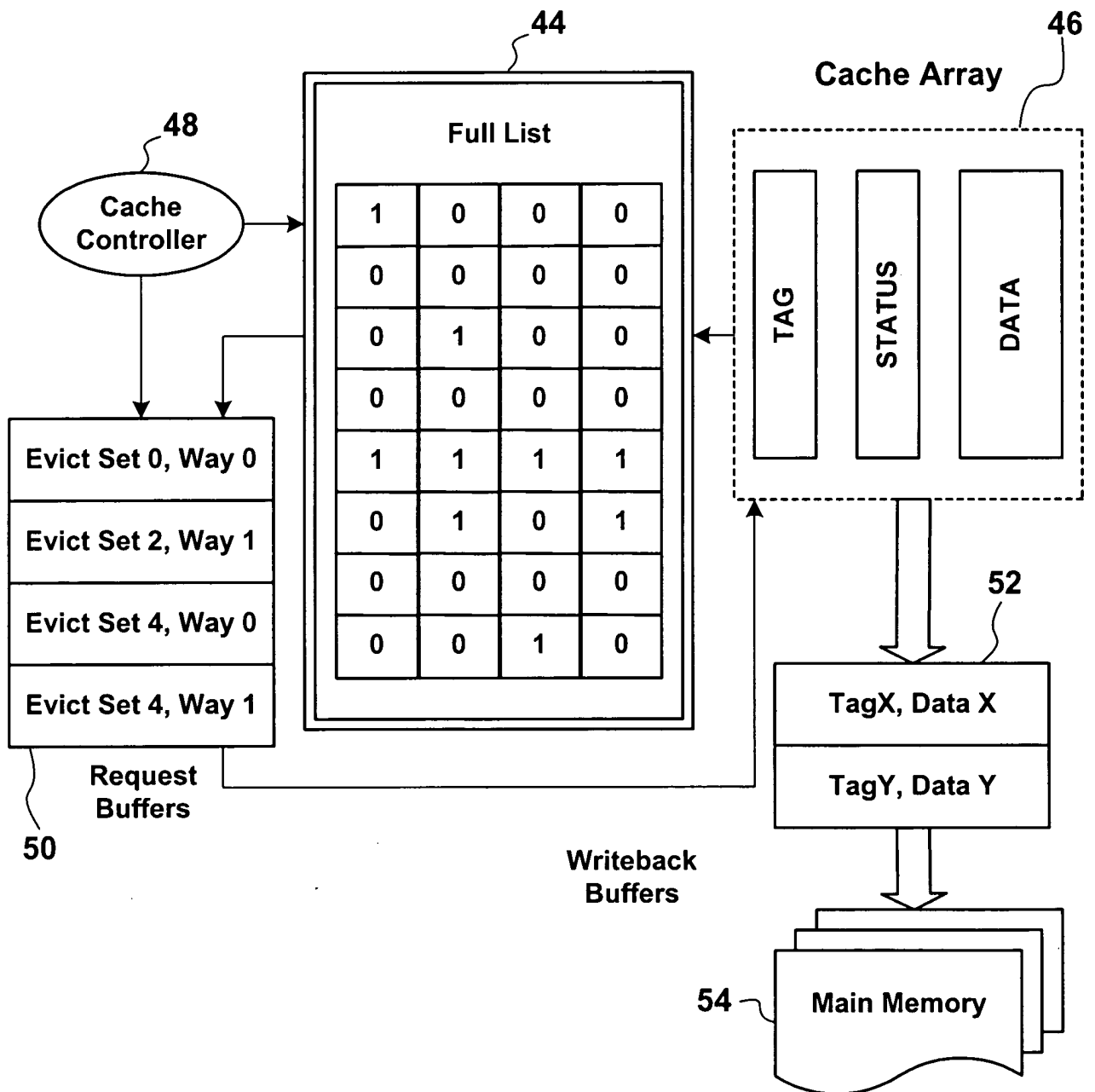
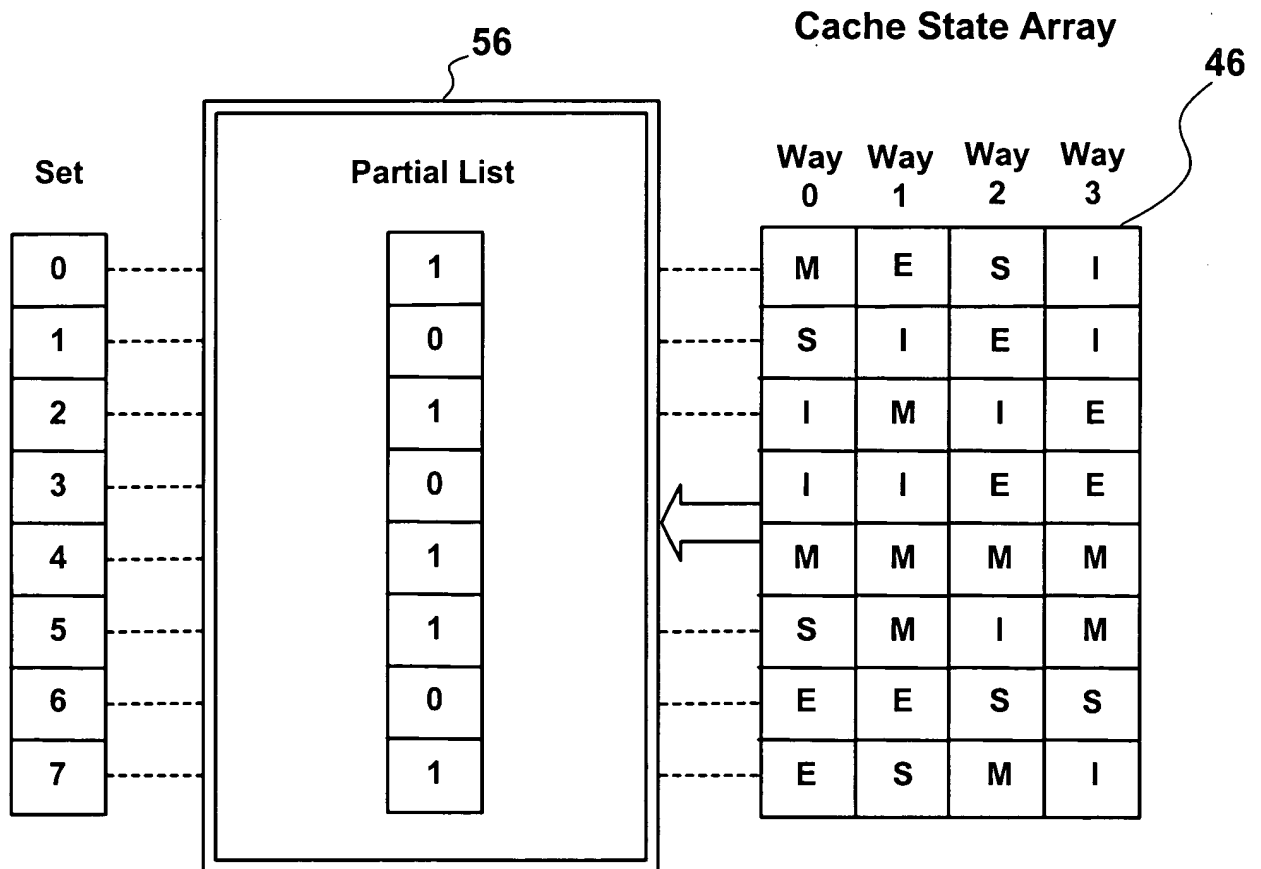
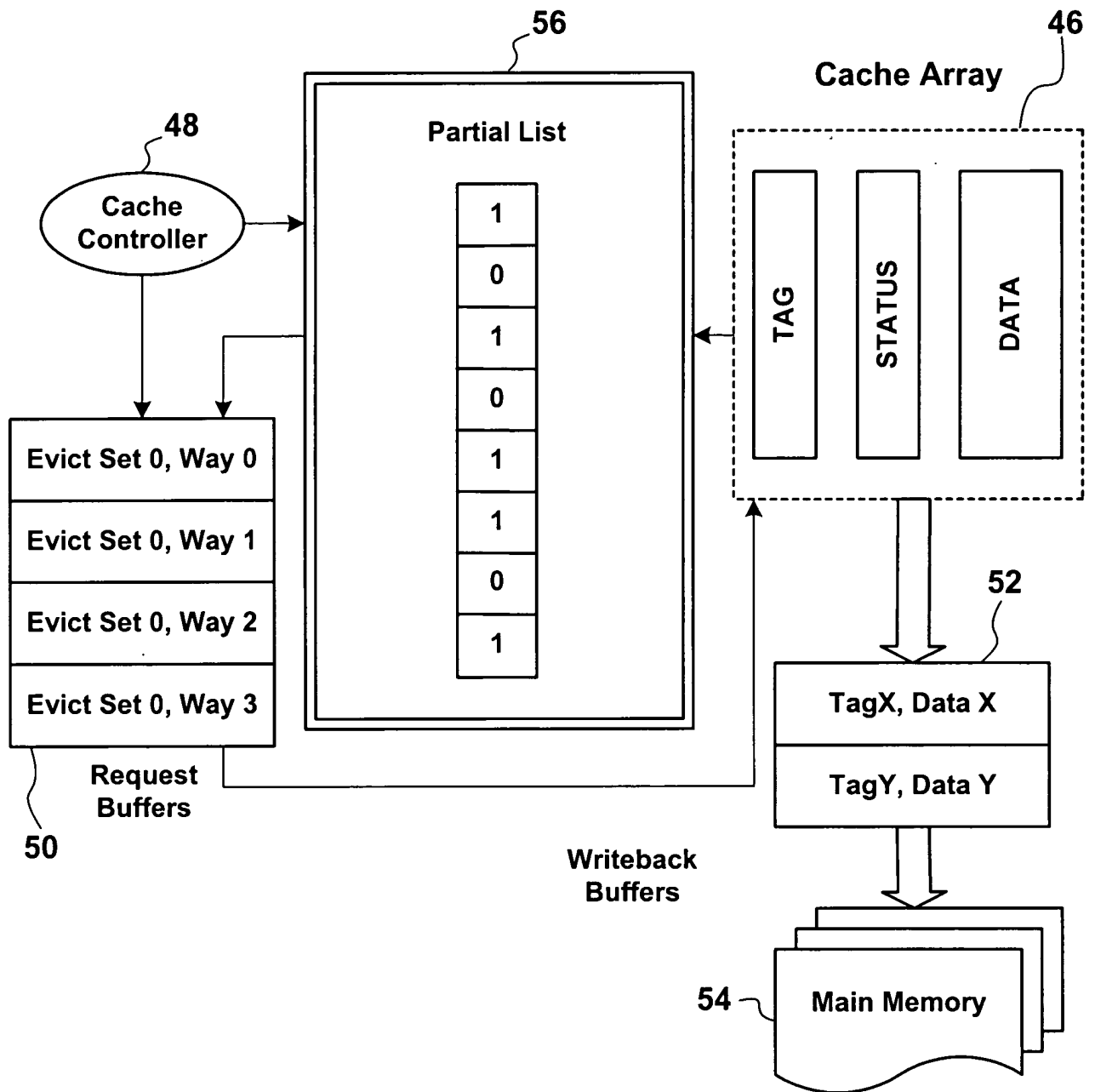
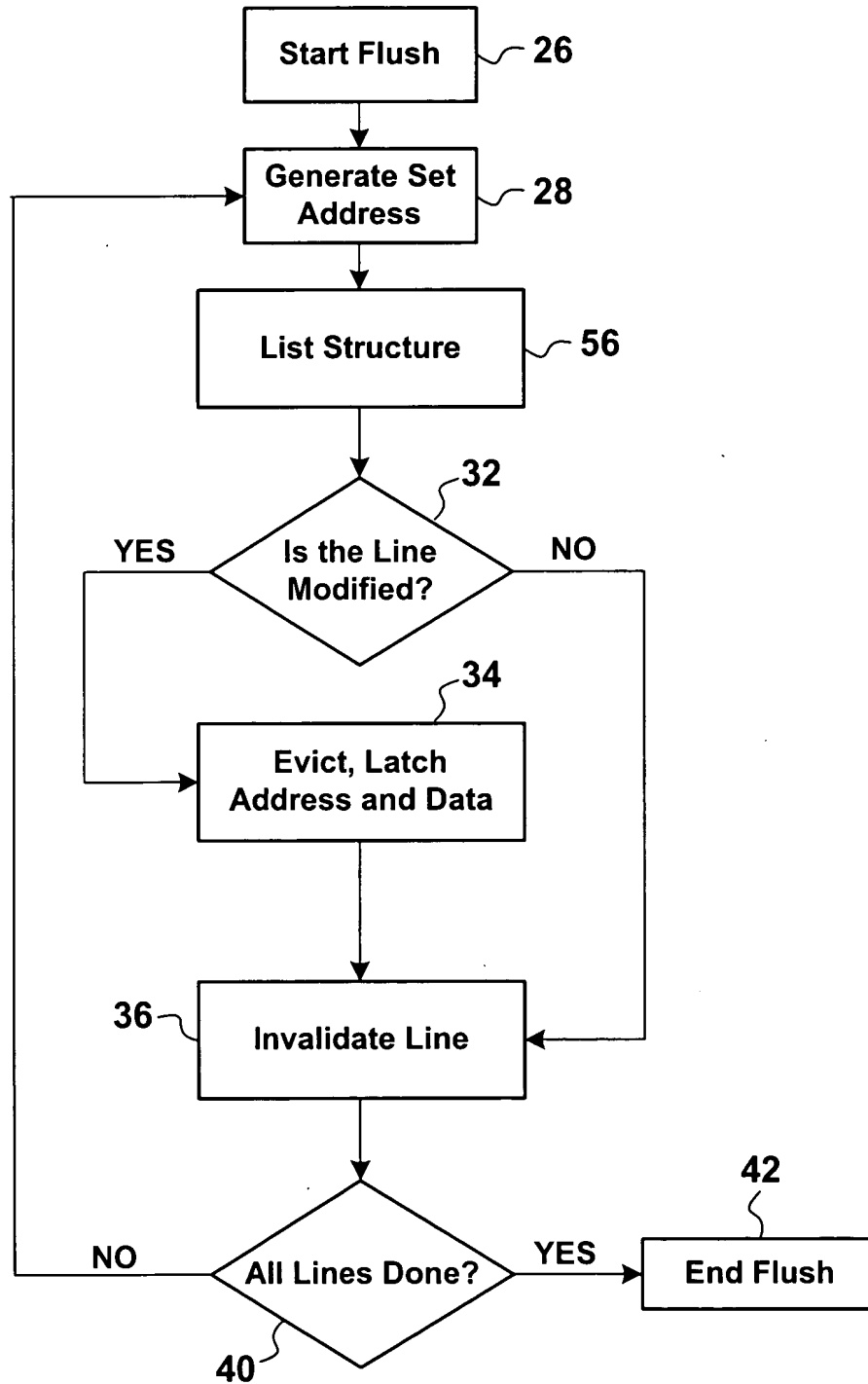


Fig. 3

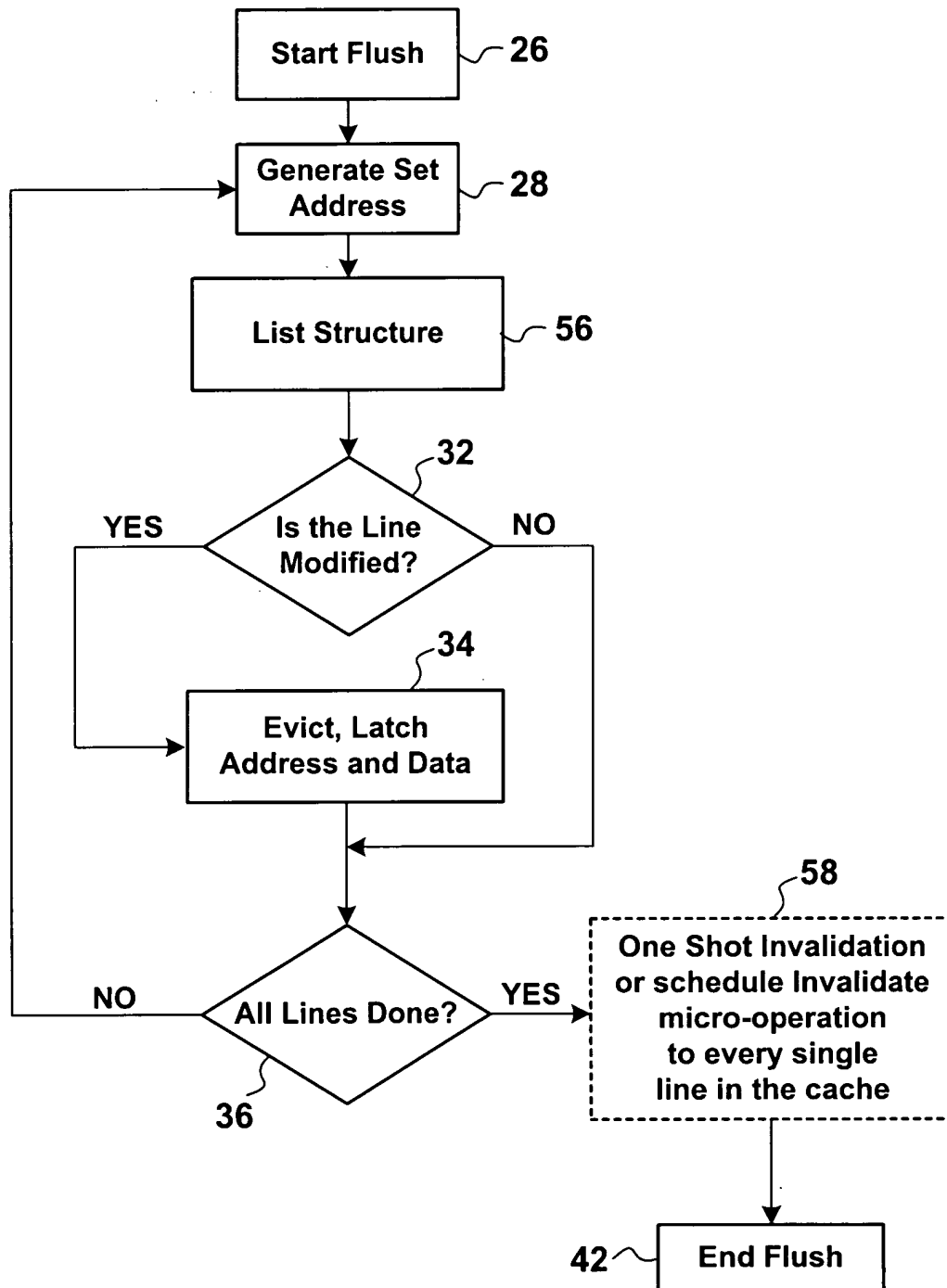
**Fig. 4**

**Fig. 5**

**Fig. 6**

**Fig. 7A**



**Fig. 7B**